

The invention concerns a sealable sterilising material for packaging medical devices requiring sterilisation, having an average burst strength not less than 200 kPa measured according to ISO 2758 standard, an average tear strength not less than 300 mN measured according to the European standard 21974, an average impact strength not less than 0.4J measured according to the ASTM standard and a bacterial filtering efficiency (BFE) not less than 85%, with a basic weight ranging between 40 and 250 g/m<sup>2</sup>, preferably between 90 and 250 g/m<sup>2</sup>, measured according to the ISO 536 standard and comprising at least two sterilising packaging sheets (F1) and (F2), one of them at least being sealable directly or after being coated with a sealing product, said sheets being bound irreversibly together by one of their surfaces. The invention also concerns a package comprising said material.